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=> FIL STNGUIDE

COST IN U.S. DOLLARS

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TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 27, 2004 (20040827/UP).

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TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.24

0.45

FILE 'EUROPATFULL' ENTERED AT 17:32:06 ON 31 AUG 2004

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FILE 'USPAT2' ENTERED AT 17:32:06 ON 31 AUG 2004

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=> s multi-arm block copolymer#

L1 34 MULTI-ARM BLOCK COPOLYMER#

=> s l1 and core and residue of a polyol#

1 FILES SEARCHED...

4 FILES SEARCHED...

6 FILES SEARCHED...

L2 5 L1 AND CORE AND RESIDUE OF A POLYOL#

=> s l2 and inner hydrophobic polymer# and outer hydrophilic polymer#

6 FILES SEARCHED...

L3 3 L2 AND INNER HYDROPHOBIC POLYMER# AND OUTER HYDROPHILIC POLYMER#

=> s l3 and poly hydroxyester#

L4 3 L3 AND POLY HYDROXYESTER#

=> d l4 1-3

L4 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 2003000777 PCTFULL ED 20030115 EW 200301

TIEN MULTI-ARM BLOCK COPOLYMERS AS

DRUG DELIVERY VEHICLES

TIFR COPOLYMERES SEQUENCES A BRAS MULTIPLES UTILISES COMME VEHICULES POUR
L'ADMINISTRATION DE MEDICAMENTS

IN ZHAO, Xuan, 2805 Southhurst Drive, Huntsville, AL 35803, US [CN, US]
 PA SHEARWATER CORPORATION, 490 Discovery Drive, Huntsville, AL 35806-2902,
 US [US, US], for all designates States except US;
 ZHAO, Xuan, 2805 Southhurst Drive, Huntsville, AL 35803, US [CN, US],
 for US only
 AG HUMPHREY, Christopher, H., Alston & Bird LLP, Bank of America Plaza, 101
 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000, US
 LAF English
 LA English
 DT Patent
 PI WO 2003000777 A2 20030103
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM
 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 AI WO 2002-US21872 A 20020122
 PRAI US 2001-60/262,754 20010119
 ICM C08G081-00
 ICS C08G065-26 ; A61K047-48

L4 ANSWER 2 OF 3 USPATFULL on STN
 AN 2002:280602 USPATFULL
 TI **Multi-arm block copolymers** as
 drug delivery vehicles
 IN Zhao, Xuan, Huntsville, AL, UNITED STATES
 PA Shearwater Corporation (U.S. corporation)
 PI US 2002156047 A1 20021024
 US 6730334 B2 20040504
 AI US 2002-54662 A1 20020122 (10)
 PRAI US 2001-262754P 20010119 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1756
 INCL INCLM: 514/058.000
 INCLS: 424/078.380; 527/300.000; 528/405.000
 NCL NCLM: 424/078.300
 NCLS: 424/078.080; 424/422.000
 IC [7]
 ICM: A61K031-77
 ICS: A61K031-724; C08G065-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 3 USPAT2 on STN
 AN 2002:280602 USPAT2
 TI **Multi-arm block copolymers** as
 drug delivery vehicles
 IN Zhao, Xuan, Huntsville, AL, United States
 PA Nektar Therapeutics AL, Corporation, Huntsville, AL, United States (U.S.
 corporation)
 PI US 6730334 B2 20040504
 AI US 2002-54662 20020122 (10)
 PRAI US 2001-262754P 20010119 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1909
 INCL INCLM: 424/783.000
 INCLS: 424/422.000; 424/078.080
 NCL NCLM: 424/078.300
 NCLS: 424/078.080; 424/422.000
 IC [7]
 ICM: A61K031-80
 ICS: A61K031-74; A61F002-00
 EXF 424/78.3; 424/422; 424/78.08

Day : Tuesday
Date: 8/31/2004

Time: 17:19:38

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = ZHAO

First Name = XUAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60584308</u>	Not Issued	020	06/30/2004	MULTI-ARM POLYMER PRODRUGS	ZHAO, XUAN
<u>60553146</u>	Not Issued	020	03/15/2004	POLYMER-BASED COMPOSITIONS AND CONJUGATES OF HIV FUSION INHIBITORS	ZHAO, XUAN
<u>60530122</u>	Not Issued	020	12/17/2003	SELECTIVE BARRIER TRANSPORT OF CHEMICALLY-MODIFIED SMALL MOLECULES	ZHAO, XUAN
<u>60503673</u>	Not Issued	020	09/17/2003	BRANCHED POLYMER CONJUGATES OF CAMPTOTHECIN COMPOUNDS	ZHAO, XUAN
<u>60437372</u>	Not Issued	159	12/30/2002	MULTI-ARM POLYPEPTIDE-POLYETHYLENE GLYCOL BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES	ZHAO, XUAN SIMON
<u>60357350</u>	Not Issued	159	02/15/2002	HYDROLYTICALLY DEGRADABLE ALKYLENE OXIDE BASED POLYMERS	ZHAO, XUAN
<u>60340535</u>	Not Issued	159	10/29/2001	WATER-SOLUBLE POLYMER CONJUGATES OF INDOLEMALEIMIDES	ZHAO, XUAN
<u>60337613</u>	Not Issued	159	11/07/2001	BRANCHED POLYMER DERIVATIVES	ZHAO, XUAN
<u>60335043</u>	Not Issued	159	10/30/2001	WATER-SOLUBLE POLYMER PRODRUG CONJUGATES OF RETINOIC ACID	ZHAO, XUAN
<u>60262754</u>	Not Issued	159	01/19/2001	MULTIARM BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES	ZHAO, XUAN
<u>60250483</u>	Not Issued	159	11/30/2000	WATER SOLUBLE POLYMER CONJUGATES OF TRIAZINE	ZHAO, XUAN

				DERIVATIVES	
<u>60185544</u>	Not Issued	159	02/28/2000	WATER-SOLUBLE MULTI-ARM POLYMER CONJUGATES OF ARTELINIC ACID	ZHAO, XUAN
<u>60183981</u>	Not Issued	159	02/22/2000	WATER-SOLUBLE MULTI-ARM POLYMER PRODRUG CONJUGATES	ZHAO, XUAN
<u>60171784</u>	Not Issued	159	12/22/1999	STERICALLY HINDERED POLY (ETHYLENE GLYCOL) ALKANOICACIDS AND DERIVATIVES	ZHAO , XUAN
<u>60138862</u>	Not Issued	159	06/11/1999	HYDROGELS DERIVED FROM CHITOSAN AND POLY (ETHYLENE GLYCOL) OR RELATED POLYMERS	ZHAO , XUAN
<u>60127255</u>	Not Issued	159	03/31/1999	NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF, COMPOSITIONS CONTAINING THE SAME AND METHOD OF USING THE SAME FOR THE TREATMENT OF PRIMARY PULMONARY HYPERTENSION	ZHAO , XUAN
<u>60127254</u>	Not Issued	159	03/31/1999	NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF COMPOSITIONS CONTAINING THE TREATMENT OF PERIPHERAL VASCULAR DISEASES	ZHAO , XUAN
<u>60127211</u>	Not Issued	159	03/31/1999	NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF, COMPOSITIONS CONTAINING THE SAME AND METHOD OF USING THE SAME FOR THE TREATMENT OF CANCER	ZHAO , XUAN
<u>60083340</u>	Not Issued	159	04/28/1998	PEG-LHRH ANALOG CONJUGATES	ZHAO , XUAN
<u>60070680</u>	Not Issued	159	01/07/1998	DEGRADABLE HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) ACRYLATES AND POLYMERS DERIVED THEREFROM	ZHAO , XUAN
<u>10813601</u>	Not Issued	019	03/30/2004	STERICALLY HINDERED POLY (ETHYLENE GLYCOL) ALKANOIC ACIDS AND	ZHAO, XUAN

				DERIVATIVES THEREOF	
<u>10795913</u>	Not Issued	030	03/08/2004	MULTI-ARM BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES	ZHAO, XUAN
<u>10746567</u>	Not Issued	020	12/24/2003	MULTI-ARM POLYPEPTIDE-POLY (ETHYLENE GLYCOL) BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES	ZHAO, XUAN S.
<u>10684946</u>	Not Issued	030	10/14/2003	DEGRADABLE HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) ACRYLATES AND GELS AND CONJUGATES DERIVED THEREFROM	ZHAO, XUAN
<u>10684692</u>	Not Issued	030	10/14/2003	DEGRADABLE HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) ACRYLATES AND GELS AND CONJUGATES DERIVED THEREFROM	ZHAO, XUAN
<u>10462399</u>	Not Issued	019	06/16/2003	HYDROGELS DERIVED FROM CHITOSAN AND POLY (ETHYLENE GLYCOL) OR RELATED POLYMERS	ZHAO, XUAN
<u>10412642</u>	Not Issued	019	04/10/2003	HYDROLYTICALLY DEGRADABLE POLYMERS AND HYDROGELS MADE THEREFROM	ZHAO, XUAN
<u>10371996</u>	Not Issued	018	02/14/2003	HYDROLYTICALLY DEGRADABLE ALKYLENE OXIDE BASED POLYMERS	ZHAO, XUAN
<u>10361451</u>	Not Issued	041	02/10/2003	HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY (ETHYLENE GLYCOL)	ZHAO, XUAN
<u>10290082</u>	Not Issued	030	11/07/2002	BRANCHED POLYMERS AND THEIR CONJUGATES	ZHAO, XUAN
<u>10284077</u>	Not Issued	030	10/30/2002	WATER-SOLUBLE POLYMER CONJUGATES OF RETINOIC ACID	ZHAO, XUAN
<u>10283890</u>	6737505	150	10/30/2002	STERICALLY HINDERED POLY (ETHYLENE GLYCOL) ALKANOIC ACIDS AND DERIVATIVES THEREOF	ZHAO, XUAN
<u>10282915</u>	Not Issued	030	10/29/2002	POLYMER CONJUGATES OF PROTEIN KINASE C	ZHAO, XUAN

				INHIBITORS	
<u>10184126</u>	Not Issued	061	06/28/2002	PEG-LHRH ANALOG CONJUGATES	ZHAO, XUAN
<u>10076018</u>	Not Issued	164	02/14/2002	HYDROLYTICALLY DEGRADABLE POLYMERS AND HYDROGELS MADE THEREFROM	ZHAO, XUAN
<u>10054662</u>	6730334	150	01/22/2002	MULTI-ARM BLOCK COPOLYMERS AS DRUG DELIVERY VEHICLES	ZHAO, XUAN
<u>10006197</u>	Not Issued	161	12/10/2001	MODIFIED PROSTAGLANDIN COMPOUNDS AND ANALOGS THEREOF, COMPOSITIONS CONTAINING THE SAME USEFUL FOR THE TREATMENT OF CANCER	ZHAO, XUAN
<u>09999197</u>	Not Issued	041	11/30/2001	WATER-SOLUBLE POLYMER CONJUGATES OF TRIAZINE DERIVATIVES	ZHAO, XUAN
<u>09842977</u>	6514491	150	04/26/2001	HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY (ETHYLENE GLYCOL)	ZHAO, XUAN
<u>09842976</u>	6461602	150	04/26/2001	HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY (ETHYLENE GLYCOL)	ZHAO, XUAN
<u>09842514</u>	6541015	150	04/26/2001	HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY (ETHYLENE GLYCOL)	ZHAO, XUAN
<u>09824395</u>	Not Issued	161	04/02/2001	DEGRADABLE HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) ACRYLATES AND GELS AND CONJUGATES DERIVED THEREFROM	ZHAO, XUAN
<u>09794731</u>	6461603	150	02/27/2001	WATER-SOLUBLE POLYMER CONJUGATES OF ARTELINIC ACID	ZHAO, XUAN
<u>09741933</u>	6495659	150	12/20/2000	STERICALLY HINDERED POLY (ETHYLENE GLYCOL) ALKANOIC ACIDS AND DERIVATIVES THEREOF	ZHAO, XUAN
<u>09698134</u>	6433135	150	10/30/2000	PEG-LHRH ANALOG CONJUGATES	ZHAO, XUAN

09590622	6602952	150	06/08/2000	HYDROGELS DERIVED FROM CHITOSAN AND POLY (ETHYLENE GLYCOL) OR RELATED POLYMERS	ZHAO, XUAN
09587458	6242482	150	06/05/2000	NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF, COMPOSITIONS CONTAINING THE SAME AND METHOD OF USING THE SAME FOR THE TREATMENT OF CONGESTIVE HEART FAILURE	ZHAO, XUAN
09538582	Not Issued	061	03/29/2000	NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF, COMPOSITIONS CONTAINING THE SAME AND METHOD OF USING THE SAME FOR THE TREATMENT OF PERIPHERAL VASCULAR DISEASE AND PULMONARY HYPERTENSION	ZHAO, XUAN
09469418	6413507	150	12/23/1999	HYDROLYTICALLY DEGRADABLE CARBAMATE DERIVATIVES OF POLY (ETHYLENE GLYCOL)	ZHAO, XUAN
09459312	6348558	150	12/10/1999	HYDROLYTICALLY DEGRADABLE POLYMERS AND HYDROGELS MADE THEREFROM	ZHAO, XUAN
09226341	6362276	150	01/06/1999	DEGRADABLE HETEROBIFUNCTIONAL POLY (ETHYLENE GLYCOL) ACRYLATES AND GELS AND CONJUGATES DERIVED THEREFROM	ZHAO, XUAN

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